Gp1623

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

**KOSTER** 

Serial No.:

09/067,337

Filed:

April 27, 1998

For:

SOLUTION PHASE BIOPOLYMER

SYNTHESIS

Art Unit:

1623

Examiner:

Unassigned

TRANSMITTAL LETTER

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a Supplemental Information Disclosure Statement, Form PTO-1449 (1 page) and cited references for filing in connection with the above-identified application. Because this Supplemental Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account Number 08-1641, as stated below:

(X) The Commissioner is hereby authorized to charge the fee for the Information Disclosure Statement and any other fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 08-1641. A duplicate of this sheet is enclosed.

Respectfully submitted, HELLER, EHRIMAN, WHITE & McAULIFFE

By:

Stephanie L. Seidman Registration No. 33,779

Date: 08/04/99

Attorney Docket No. 24743-2301 Address all correspondence to:

HELLER, EHRMAN, WHITE & McAULIFFE

4250 Executive Square, La Jolla, California 92037 Telephone: (619) 450-8400 EMAIL sseidman@hewm.com I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents Washington, D.C. 20231, on this date.

08/04/99

Date

AUG 0 6 1999 4

RECEIVED

AUG 0 9 1999

**TECH CENTER 1600/2900** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

KOSTER et al.

Serial No.:

09/067,337

Filed:

April 27, 1998

For:

SOLUTION PHASE BIOPOLYMER

SYNTHESIS

Art Unit:

1623

Examiner:

Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

AUG 0 6 1999

Assistant Commissioner for Patents Washington, D.C. 20231, on this date.

08/04/99

Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Because this Supplemental Information Disclosure Statement is filed prior to receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 08-1641.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. The Form PTO-1449 (1 page) and copies of the cited documents are also provided. The documents or abstracts listed on the Form PTO-1449 are in the English language, with the exception of Items A and D, which are in German. Item A has an English language abstract preceding the article, and this abstract has been

U.S.S.N. 09/067,337 KOSTER <u>et al.</u> SUPPLEMENTAL IDS

entered separately on the Form PTO-1449 as Item E. Item D, which is a dissertation describing the subject matter in this application, has an English abstract on pages 121-122 of the dissertation. This has been listed as a separate item (Item F) on the Form PTO-1449. An English translation of Item D has not been provided because it is not believed to be prior art and the cost for translating it is prohibitive.

Applicant also makes known to the Examiner co-pending International Application PCT/US99/08939, filed April 26, 1999, which corresponds to the above-captioned application.

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and that they be made of record in the file history of the above-captioned application.

By:

Respectfully submitted, HELLER, EHRMAN, WHITE & McAULIFFE

*1* 

Stephanie Seidman

Registration No. 33,779

Date: 08/04/99

Attorney Docket No. 24743-2301

Address all correspondence to:

HELLER, EHRMAN, WHITE & McAULIFFE
4250 Executive Square

La Jolla, California 92037

Telephone: (619) 450-8403 EMAIL sseidman@hewm.com

<b>FORM</b>	PTO-1449	(Modified)
-------------	----------	------------

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE **STATEMENT**

ATTY. DOCKET NO. 24743-2301	SERIAL NO. 09/067,337 P.F.
APPLICANT Koster, H.	Alife 0 6 1999 A
FILING DATE 04/27/98	GROUP 1623

## LLS PATENT DOCUMENTS

04/27/98

EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME		CLASS		SUB CLASS		FILING DATE	
				FC	DREI	GN I	PAT	ENT DO	CUMENTS		,				
		DOCUMENT NUMBER				DATE	COUNTRY	ASS SUB CLASS		Т	Translation				
	0	THER A	ART (	Inclu	ıding	g Au	itho	r, Title, C	ate, Pertine	nt l	Page	s, E	tc.)		
*	Α	Köster, H. et al., "Synthesis of a Structural Gene for the Peptide Hormone Angiotensin II, Part I - Objective and Synthetic Strategy", Liebigs Ann. Chem., 839-853, (1978)													
	В	Wörl, R. and Köster, H., "The Use of Liquid Phase Carriers for Large Scale Oligonucleotide Synthesis in Solution via Phosphoamidite Chemistry", <i>Tetrahedron</i> 55:2957-2972, (1999)													
	С	Wörl, R. and Köster, H., "Synthesis of New Liquid Phase Carriers for Use in Large Scale Oligonucleotide Synthesis in Solution", <i>Tetrahedron</i> 55:2941-2956, (1999)													
*	D	Wörl, R., "Entwicklung eines Konzeptes zur Oligonucleotidsynthese in Lösung nach der Phosphoamiditmethode", Ph.D. Dissertation, Hamburg, (1998)													
\	Ε	English Language Abstract of Item A: Köster, H. et al., "Synthesis of a Structural Gene for the Peptide Hormone Angiotensin II, Part I - Objective and Synthetic Strategy", Liebigs Ann. Chem., 839-853, (1978)													
	F	English Language Abstract of Item D: Wörl, R., "Entwicklung eines Konzeptes zur Oligonucleotidsynthese in Lösung nach der Phosphoamiditmethode", Ph.D. Dissertation, Hamburg, (1998)													

<sup>\*</sup> German with English Language Abstracts

**EXAMINER** 

**DATE CONSIDERED** 

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.